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Abstract of the Disclosure

The invention relates to a method of producing lyocell-type cellulose fibers by processing a spinnable solution of cellulose in an aqueous tertiary amine oxide according to the dry/wet-spinning process, which method is characterized in that a solution having a content of between 0.05 % and 0.70 % by mass, based on the mass of the solution, of cellulose with a molecular weight of at least 5×10^5 is used for spinning. The method of the invention allows the use of a spinnerette having more than 10,000 spinning holes for the spinning operation, which holes are arranged in such a manner that neighboring spinning holes are spaced maximally 3 mm apart and that the linear density of the spinning holes is at least 20.